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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/076,634DATE: 03/04/2002  
TIME: 14:34:53Input Set : A:\02481.1774.txt  
Output Set: N:\CRF3\03042002\J076634.raw

3 <110> APPLICANT: Aventis Pharma Deutschland GmbH  
5 <120> TITLE OF INVENTION: Fusion protein for the secretion of a protein of  
6 interest into bacterial supernatants  
8 <130> FILE REFERENCE: DEAV2001/0009  
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/076,634  
C--> 11 <141> CURRENT FILING DATE: 2002-02-19  
13 <160> NUMBER OF SEQ ID NOS: 13  
15 <170> SOFTWARE: PatentIn Ver. 2.1  
17 <210> SEQ ID NO: 1  
18 <211> LENGTH: 5  
19 <212> TYPE: PRT  
20 <213> ORGANISM: Artificial Sequence  
22 <220> FEATURE:  
23 <223> OTHER INFORMATION: Description of Artificial Sequence:pBpfu\_hir  
25 <400> SEQUENCE: 1  
26 Gly Asn Ser Ala Arg  
27 1 5  
31 <210> SEQ ID NO: 2  
32 <211> LENGTH: 58  
33 <212> TYPE: DNA  
34 <213> ORGANISM: Artificial Sequence  
36 <220> FEATURE:  
37 <223> OTHER INFORMATION: Description of Artificial Sequence:pfufl  
39 <400> SEQUENCE: 2 58  
40 ggttcttta ttgccgctac ttcttcggc gttctggcac ttacgtatac tgactgca  
43 <210> SEQ ID NO: 3  
44 <211> LENGTH: 31  
45 <212> TYPE: DNA  
46 <213> ORGANISM: Artificial Sequence  
48 <220> FEATURE:  
49 <223> OTHER INFORMATION: Description of Artificial Sequence:insullhindlll  
51 <400> SEQUENCE: 3 31  
52 ttttaagct tcatgttga cagcttatca t  
55 <210> SEQ ID NO: 4  
56 <211> LENGTH: 42  
57 <212> TYPE: DNA  
58 <213> ORGANISM: Artificial Sequence  
60 <220> FEATURE:  
61 <223> OTHER INFORMATION: Description of Artificial Sequence:Hir\_insfl  
63 <400> SEQUENCE: 4 42  
64 atccctgagg aatacctca gggaaattcg gcacgatttg tg  
67 <210> SEQ ID NO: 5  
68 <211> LENGTH: 42

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69 <212> TYPE: DNA  
70 <213> ORGANISM: Artificial Sequence  
72 <220> FEATURE:  
73 <223> OTHER INFORMATION: Description of Artificial Sequence:Hir\_insrev1  
75 <400> SEQUENCE: 5 42  
76 cacaatcg gccgaattc cctgaaggta ttcctcaggg at  
79 <210> SEQ ID NO: 6  
80 <211> LENGTH: 63  
81 <212> TYPE: DNA  
82 <213> ORGANISM: Artificial Sequence  
84 <220> FEATURE:  
85 <223> OTHER INFORMATION: Description of Artificial Sequence:styfimf1  
87 <400> SEQUENCE: 6 60  
88 cggcgcttag tctcgcccta ttttctcacc tatctttgc ctctacgtat actgactgca 63  
89 ctg  
92 <210> SEQ ID NO: 7  
93 <211> LENGTH: 21  
94 <212> TYPE: PRT  
95 <213> ORGANISM: Artificial Sequence  
97 <220> FEATURE:  
98 <223> OTHER INFORMATION: Description of Artificial Sequence: alkaline  
99 phosphatase (signal sequence)  
101 <400> SEQUENCE: 7  
102 Met Lys Gln Ser Thr Ile Ala Ala Leu Leu Pro Leu Leu Phe Thr 15  
103 1 5 10  
105 Pro Val Thr Lys Ala  
106 20  
110 <210> SEQ ID NO: 8  
111 <211> LENGTH: 63  
112 <212> TYPE: DNA  
113 <213> ORGANISM: Artificial Sequence  
115 <220> FEATURE:  
116 <223> OTHER INFORMATION: Description of Artificial Sequence:alkaline  
117 phosphatase (signal sequence)  
119 <400> SEQUENCE: 8 60  
120 atgaaacagt cgaccatcgc gctggcgctg ctggcgctgc tgttcacccc gtttacccaa 63  
121 gcg  
124 <210> SEQ ID NO: 9  
125 <211> LENGTH: 97  
126 <212> TYPE: DNA  
127 <213> ORGANISM: Artificial Sequence  
129 <220> FEATURE:  
130 <223> OTHER INFORMATION: Description of Artificial Sequence:cloning  
131 fragment  
133 <400> SEQUENCE: 9 60  
134 tttttgaat tcatgaaaca gtcgaccatc gcgctggcgc tgctgccgt gctgttccacc 97  
135 ccgggttacca aagcggctac gtatactgac tgcaactg  
138 <210> SEQ ID NO: 10  
139 <211> LENGTH: 58

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140 <212> TYPE: DNA  
141 <213> ORGANISM: Artificial Sequence  
143 <220> FEATURE:  
144 <223> OTHER INFORMATION: Description of Artificial Sequence:phoaf1  
146 <400> SEQUENCE: 10 58  
147 ctgctgccgc tgctgttaccc cccggttacc aaaggctta cgtatactga ctgcactg  
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151 <211> LENGTH: 54  
152 <212> TYPE: DNA  
153 <213> ORGANISM: Artificial Sequence  
155 <220> FEATURE:  
156 <223> OTHER INFORMATION: Description of Artificial Sequence:phoaf2 54  
158 <400> SEQUENCE: 11  
159 ttttttgaat tcatgaaaca gtcgaccatc gcgctggcgc tgctgccgt gctg  
162 <210> SEQ ID NO: 12  
163 <211> LENGTH: 40  
164 <212> TYPE: DNA  
165 <213> ORGANISM: Artificial Sequence  
167 <220> FEATURE:  
168 <223> OTHER INFORMATION: Description of Artificial Sequence:Hir\_insf2  
170 <400> SEQUENCE: 12 40  
171 atccctgagg aataccatca gcgatttg aaccagcacc  
174 <210> SEQ ID NO: 13  
175 <211> LENGTH: 40  
176 <212> TYPE: DNA  
177 <213> ORGANISM: Artificial Sequence  
179 <220> FEATURE:  
180 <223> OTHER INFORMATION: Description of Artificial Sequence:Hir\_insrev2  
182 <400> SEQUENCE: 13 40  
183 ggtgctgggtt cacaatcgc tgaaggattt cctcagggat

VERIFICATION SUMMARY  
PATENT APPLICATION: US/10/076,634

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date